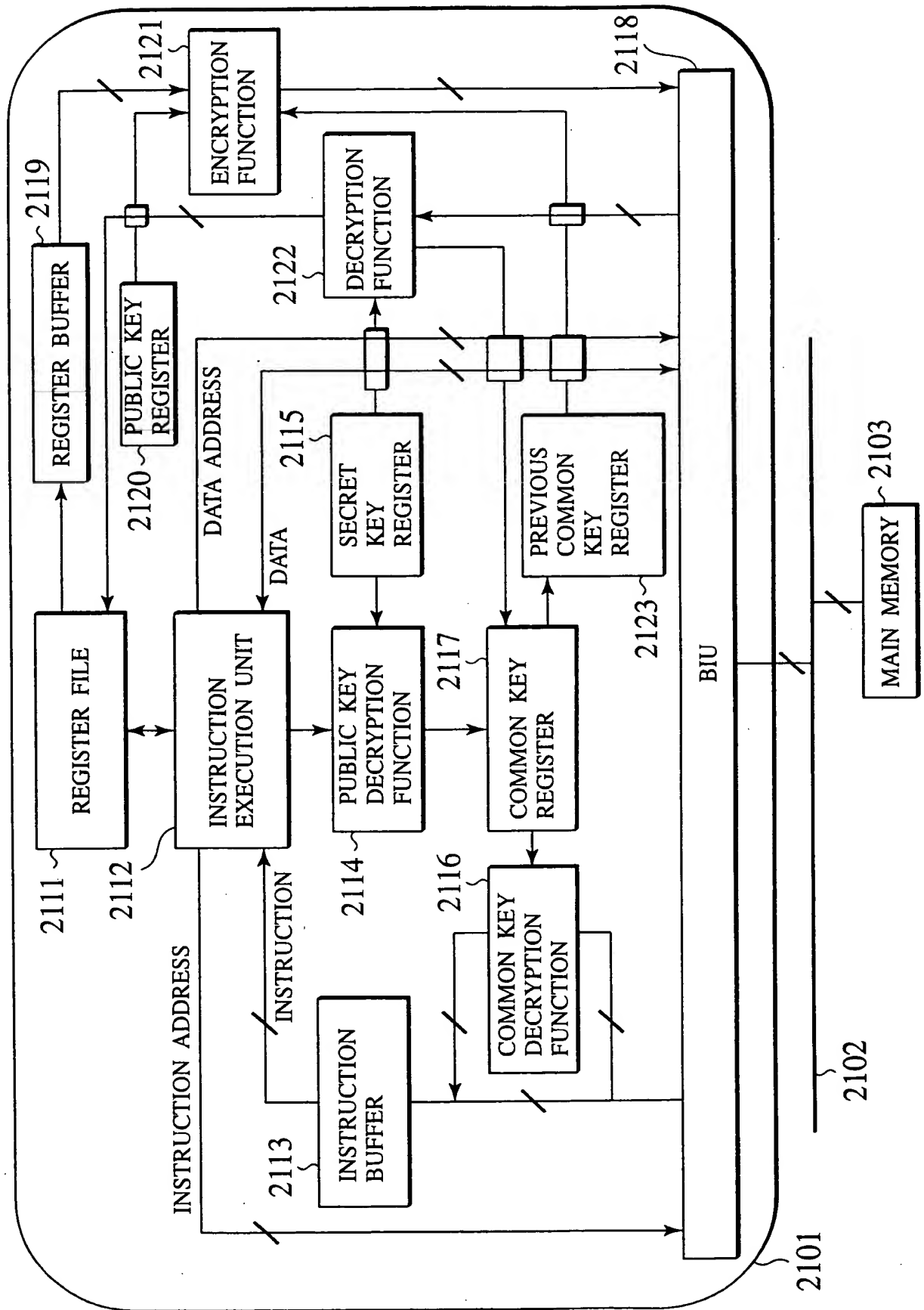


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FIG.1



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FIG.2

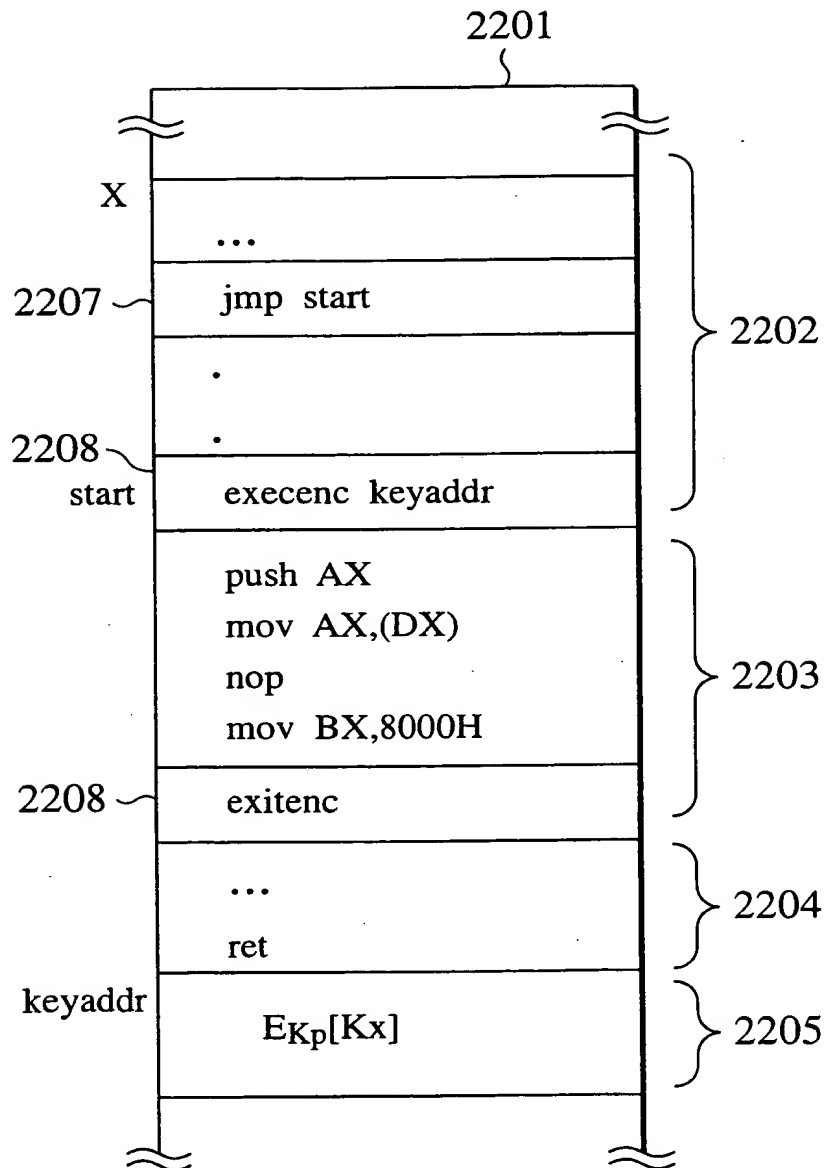
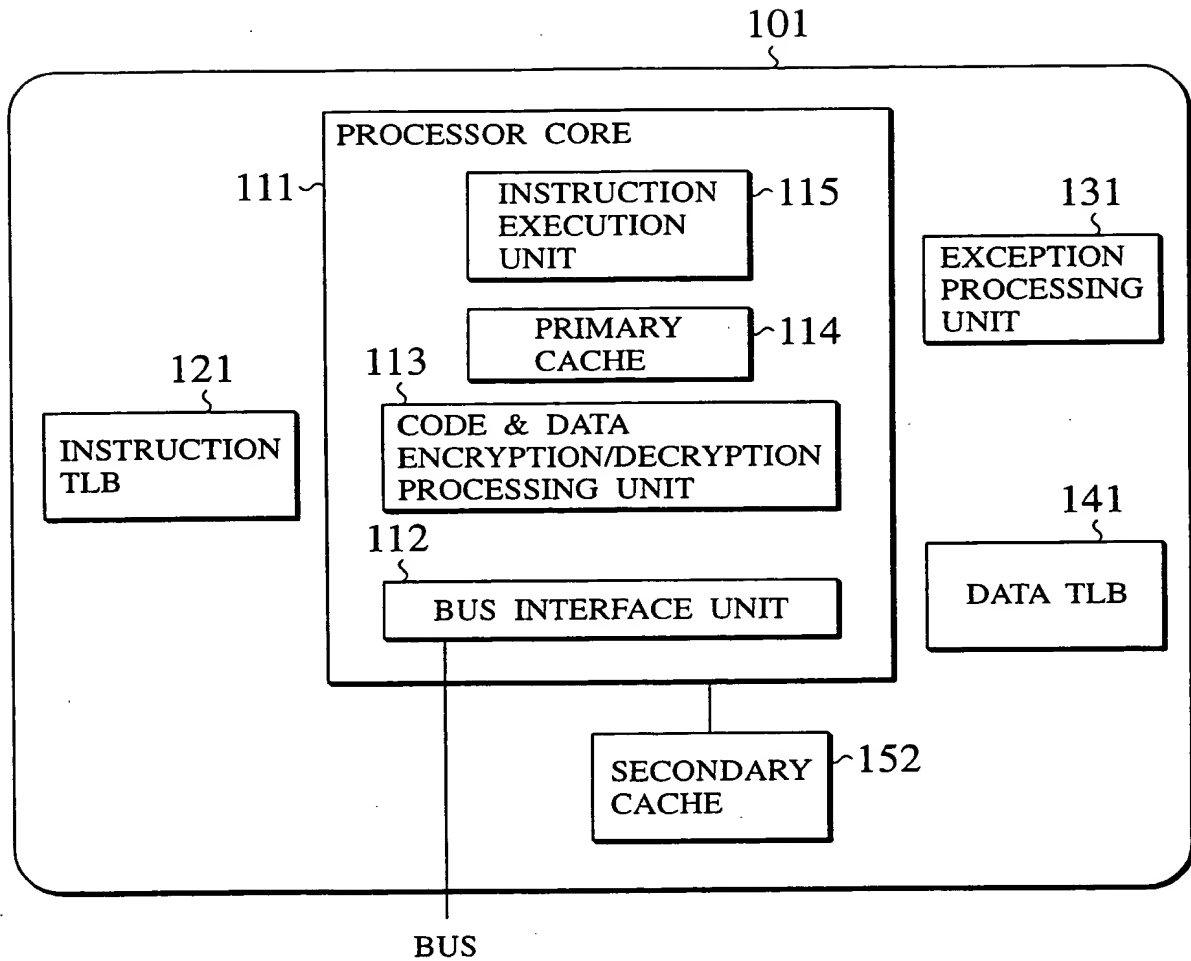


FIG.3



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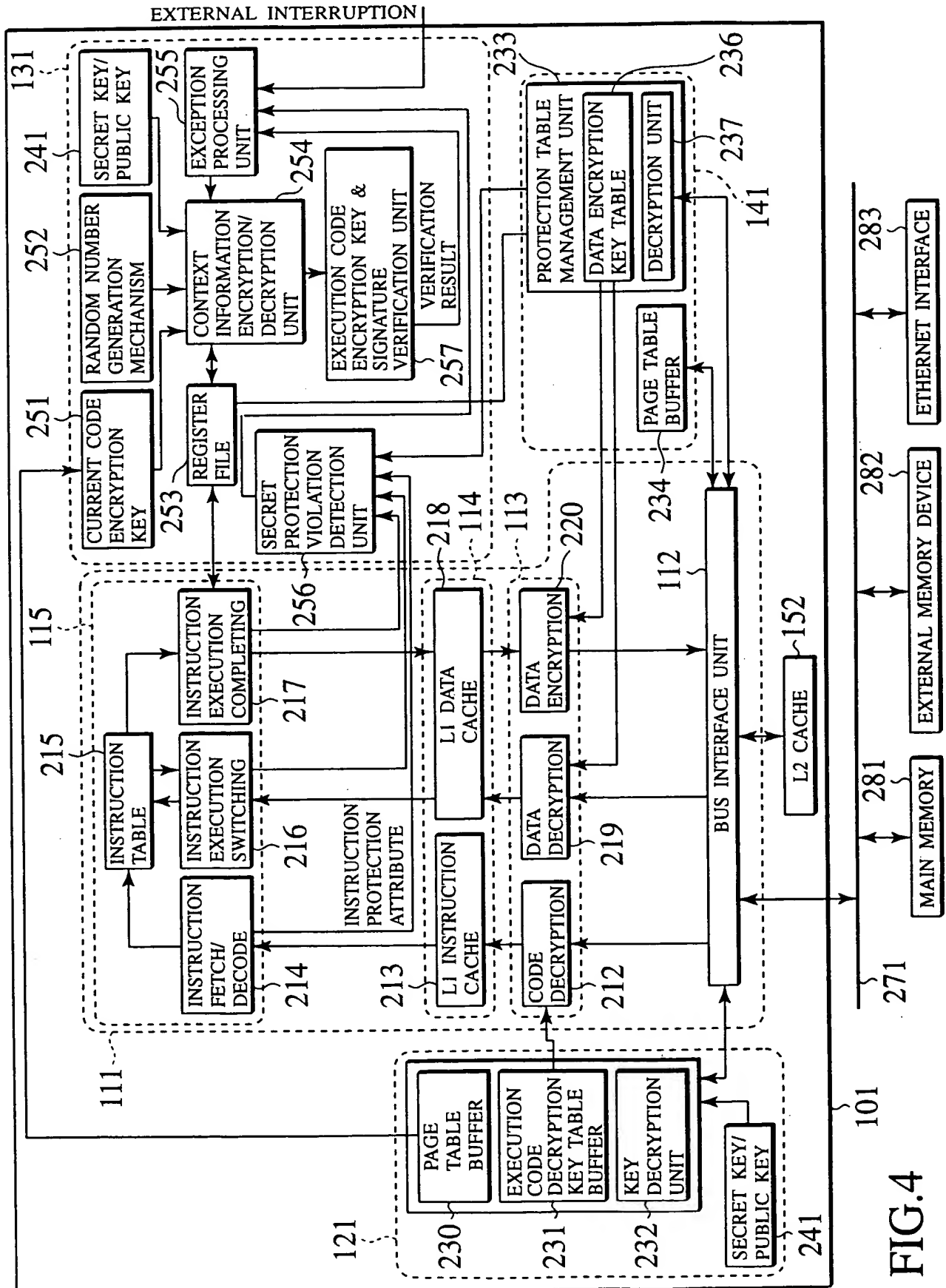
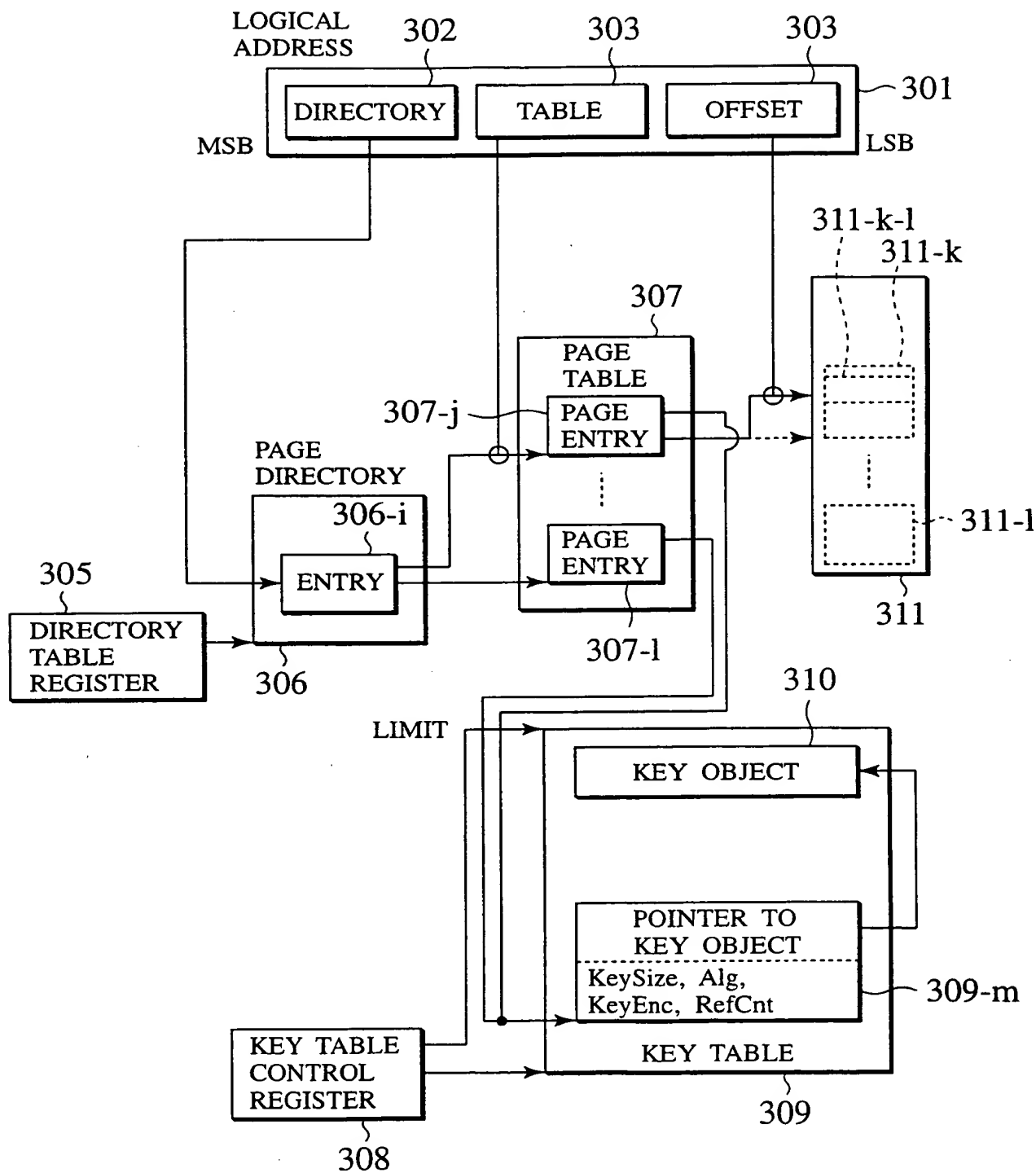


FIG. 4

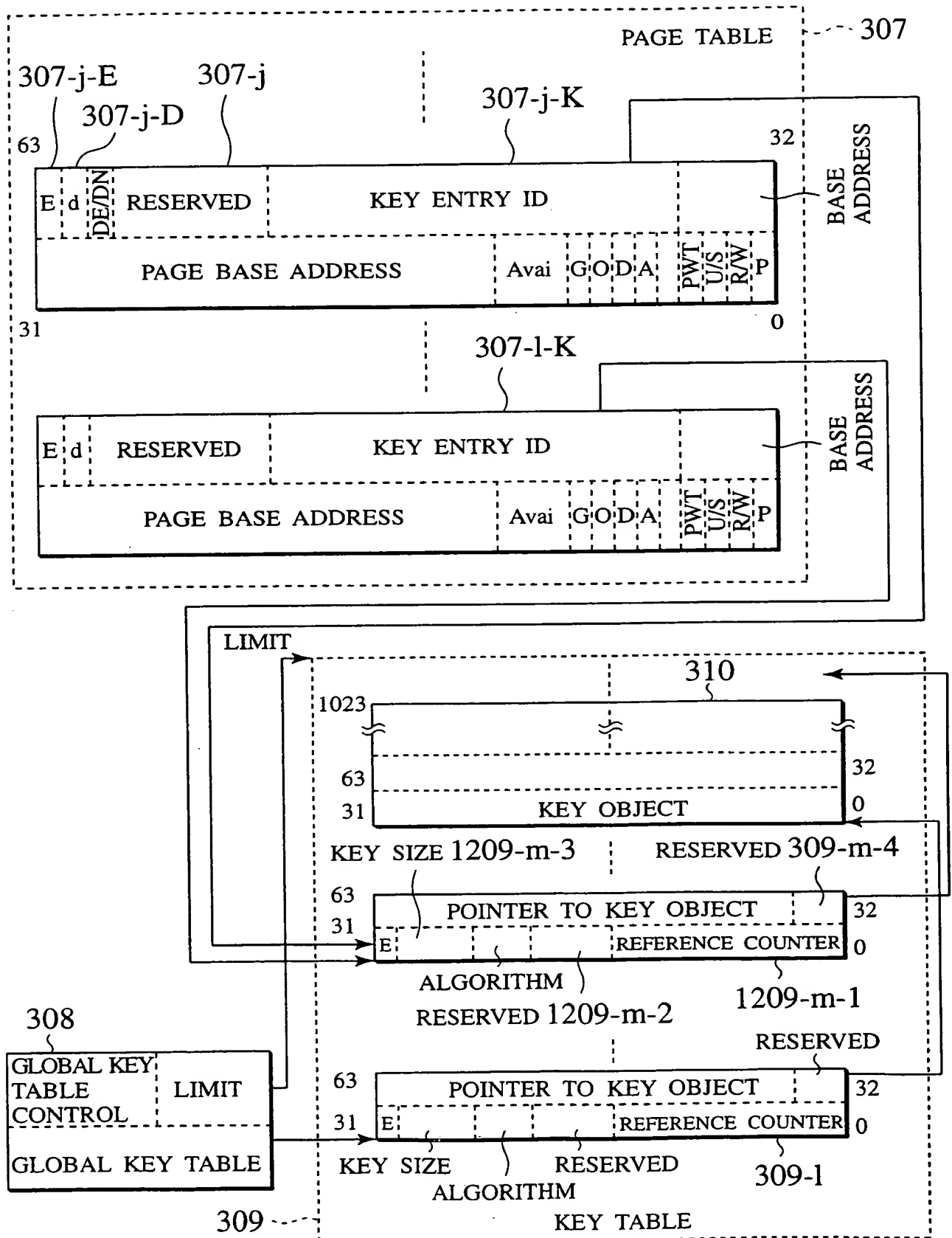
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FIG.5



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FIG.6



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FIG.7A

|   | 0  | 1  | 2  | 3  |
|---|----|----|----|----|
| 0 | A0 | A1 | A2 | A3 |
| 1 | B0 | B1 | B2 | B3 |
| 2 | C0 | C1 | C2 | C3 |
| 3 | D0 | D1 | D2 | D3 |
| 4 | E0 | E1 | E2 | E3 |
| 5 | F0 | F1 | F2 | F3 |
| 6 | G0 | G1 | G2 | G3 |
| 7 | H0 | H1 | H2 | H3 |

BEFORE INTERLEAVING

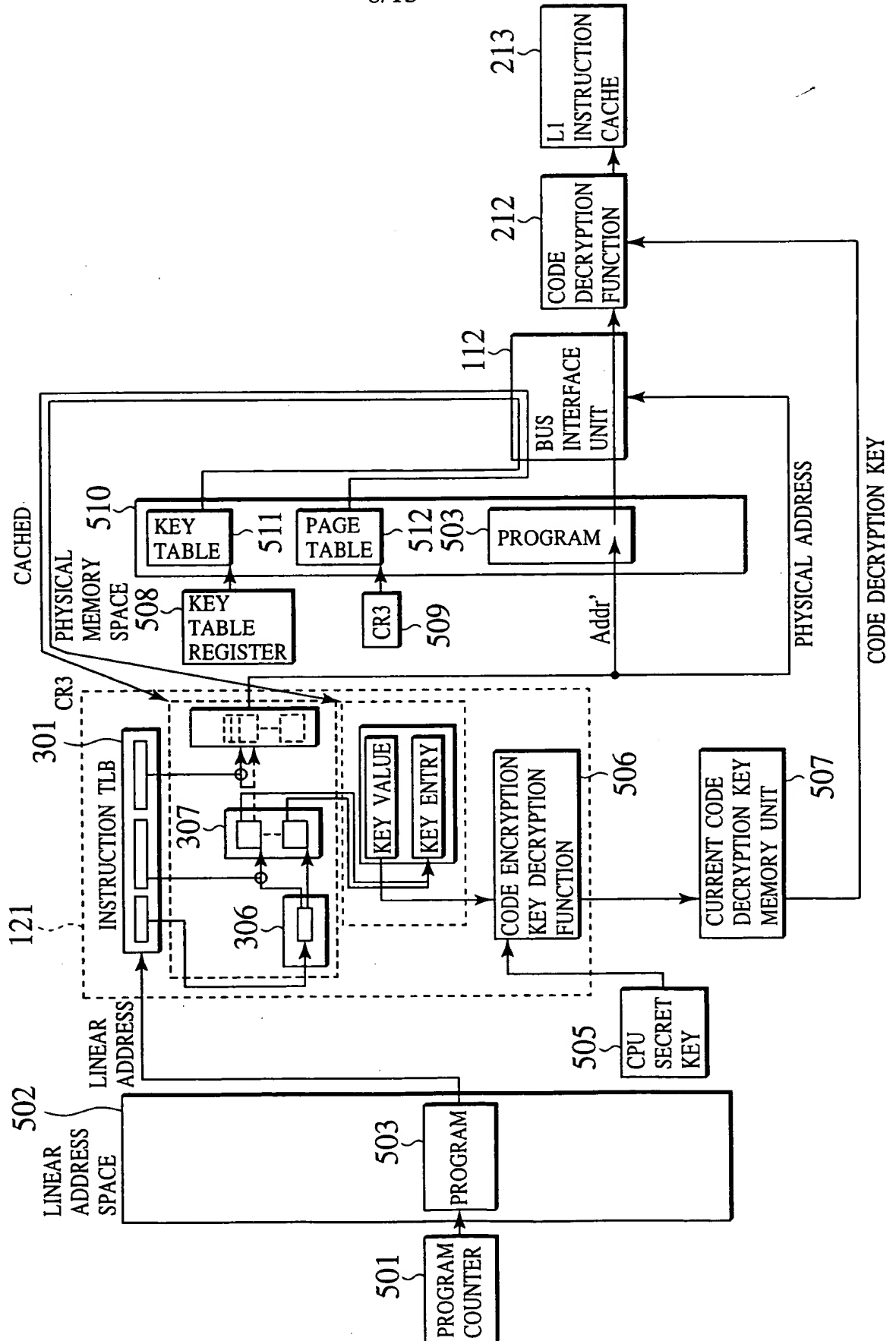
FIG.7B

| 0 | A0 | B0 | C0 | D0 |
|---|----|----|----|----|
| 1 | E0 | F0 | G0 | H0 |
| 2 | A1 | B1 | C1 | D1 |
| 3 | E1 | F1 | G1 | H1 |
| 4 | A2 | B2 | C2 | D2 |
| 5 | E2 | F2 | G2 | H2 |
| 6 | A3 | B3 | C3 | D3 |
| 7 | E3 | F3 | G3 | H3 |

AFTER INTERLEAVING

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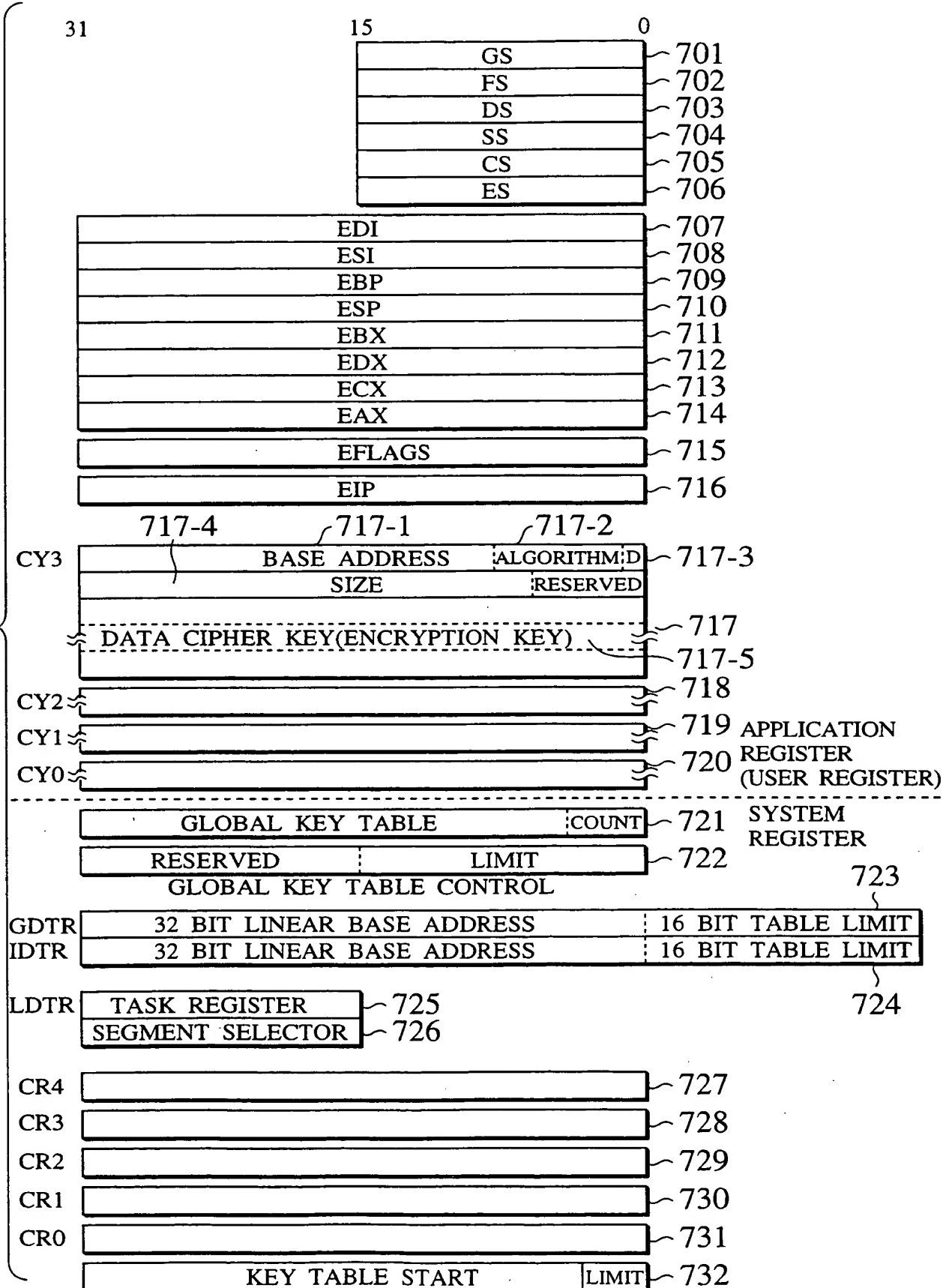
FIG. 8





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FIG.9



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FIG.10

|  |            |           |
|--|------------|-----------|
| S[message] by Ks                       |            | 834       |
| E[Kr] by Kp                            |            | 833       |
| E[Kr] by Kcode                         |            | 832       |
| PADDING                                |            | 831       |
| BASE ADDRESS                           | RESERVED E |           |
| SIZE                                   |            |           |
| DATA ENCRYPTION KEY FOR CY3            |            | 830       |
| DATA ENCRYPTION CONTROL REGISTER (CY2) |            | 829       |
| DATA ENCRYPTION CONTROL REGISTER (CY1) |            | 828       |
| DATA ENCRYPTION CONTROL REGISTER (CY0) |            | 827       |
| TSS SIZE                               | E          | 826 825-1 |
| I/O MAP BASE ADDRESS                   | U:R:T      | 825 825-2 |
| LDT SEGMENT SELECTOR                   |            | 824       |
| GS                                     |            | 823       |
| FS                                     |            | 822       |
| DS                                     |            | 821       |
| SS                                     |            | 820       |
| CS                                     |            | 819       |
| ES                                     |            | 818       |
| EDI                                    |            | 817       |
| ESI                                    |            | 816       |
| EBP                                    |            | 815       |
| ESP                                    |            | 814       |
| EBX                                    |            | 813       |
| EDX                                    |            | 812       |
| ECX                                    |            | 811       |
| EAX                                    |            | 810       |
| EFLAGS                                 |            | 809       |
| EIP                                    |            | 808       |
| CR3(PDBR)                              |            | 807       |
| SS2                                    |            | 806       |
| ESP2                                   |            | 805       |
| SS1                                    |            | 804       |
| ESP1                                   |            | 803       |
| SS0                                    |            | 802       |
| ESP0                                   |            | 801       |
| LINK TO PREVIOUS TASK                  |            |           |

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FIG.11

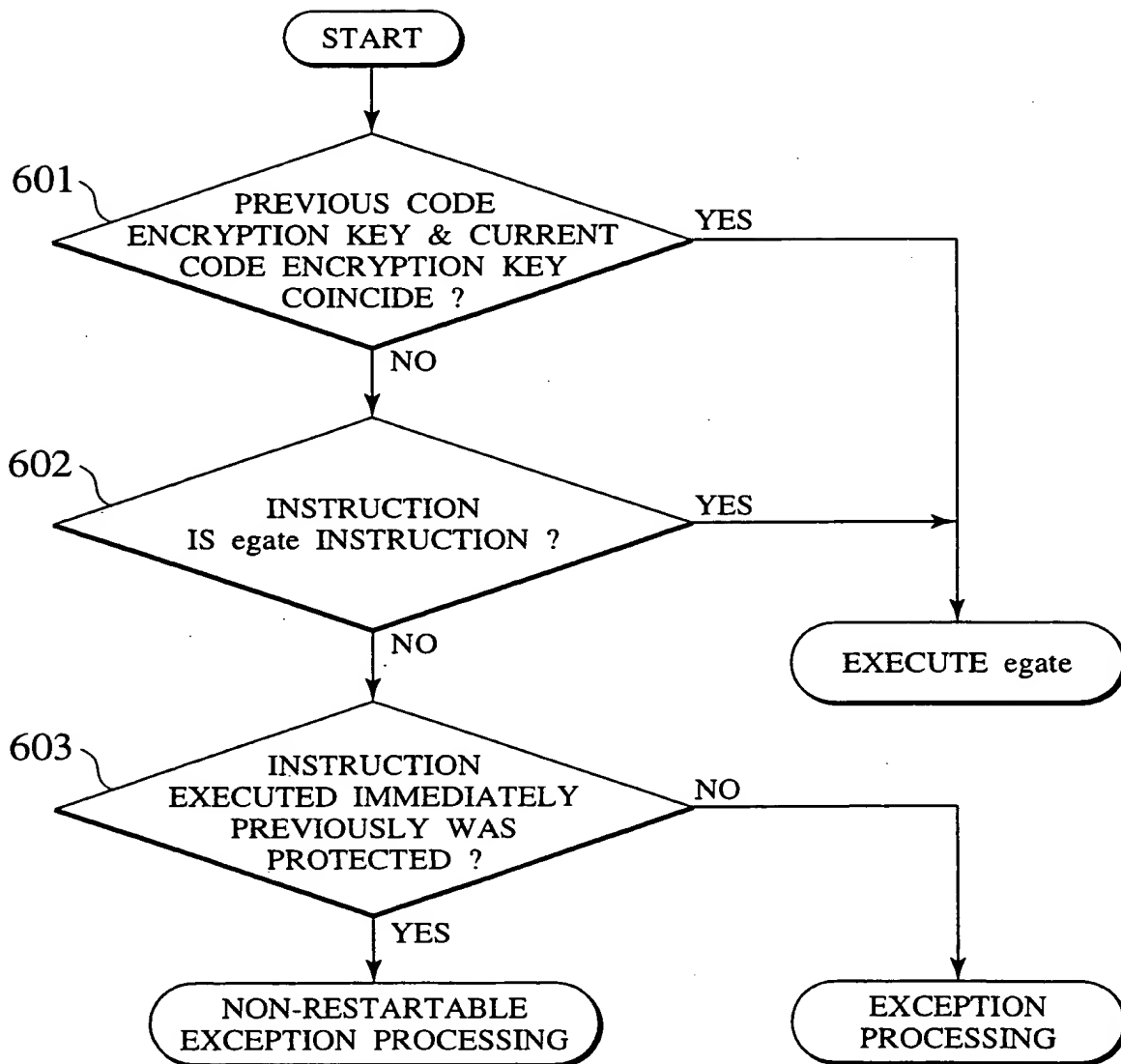
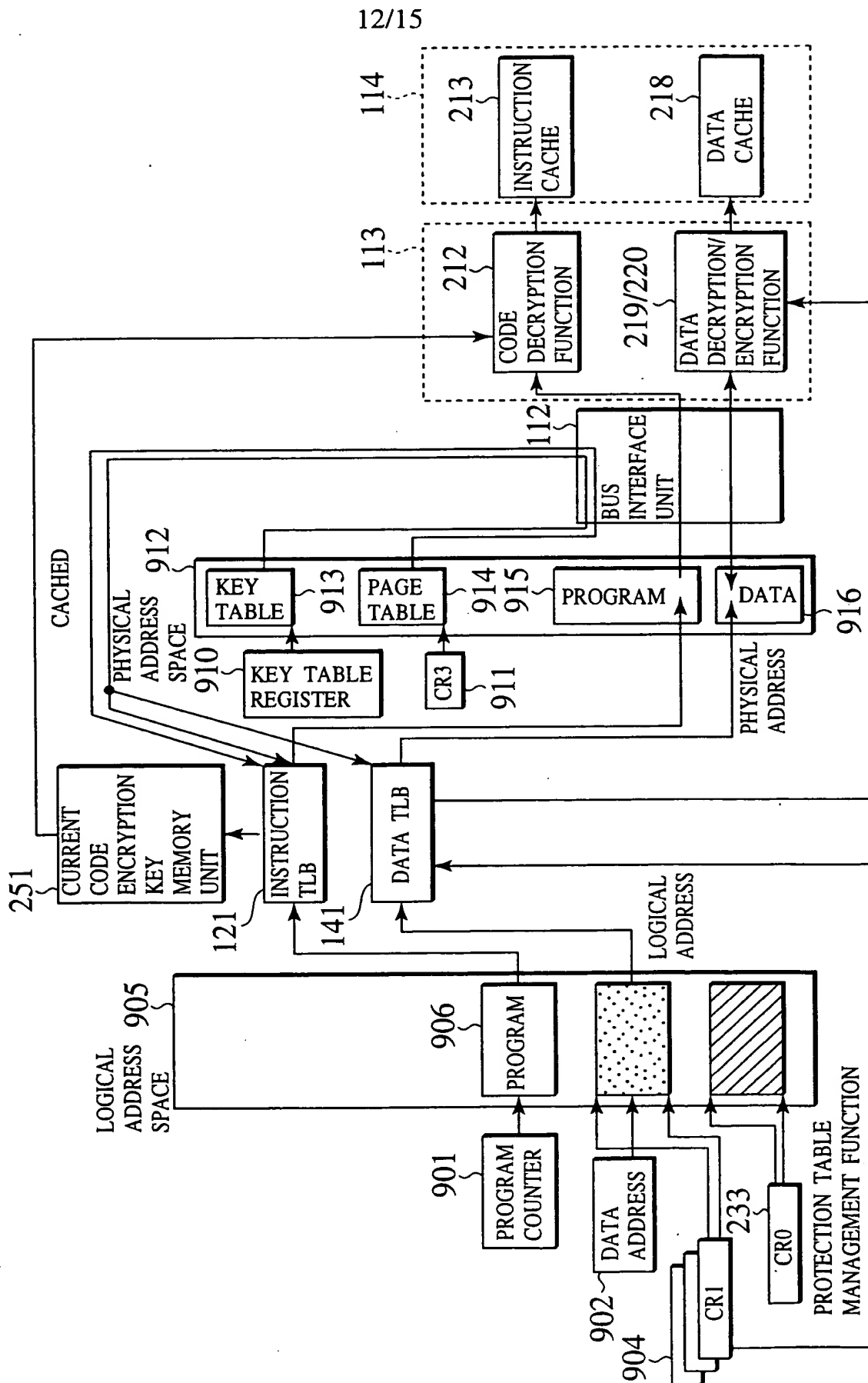
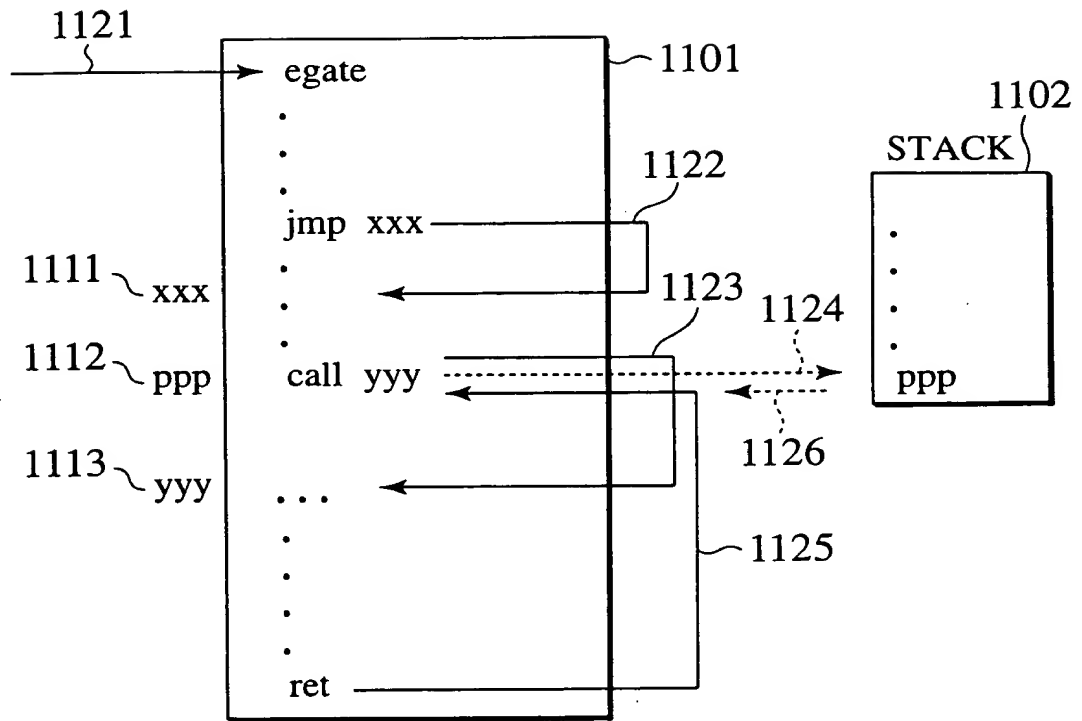


FIG.12



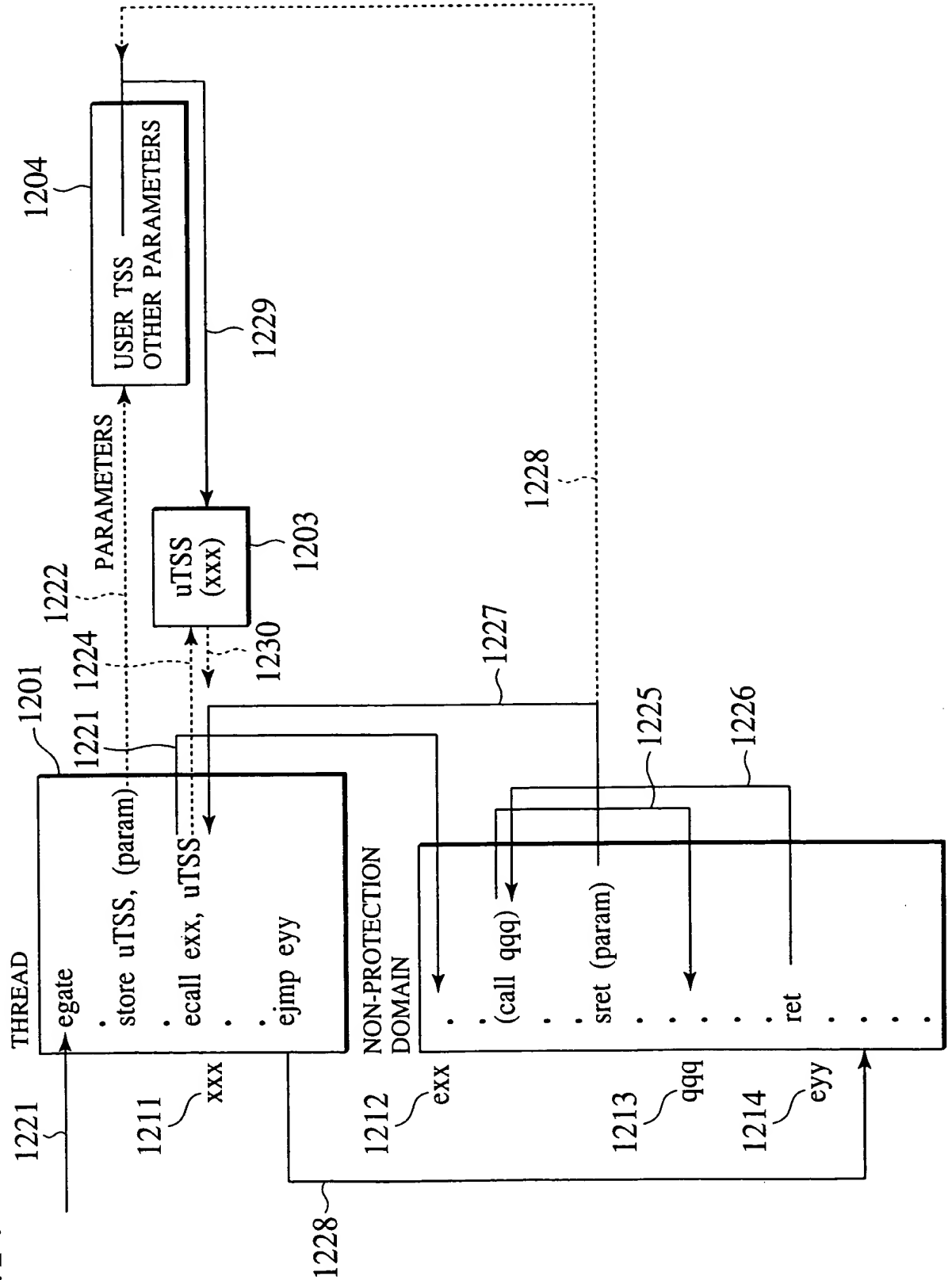
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FIG.13



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FIG. 14



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# FIG.15 PRIOR ART

|                      |                       |       |
|----------------------|-----------------------|-------|
| 31                   | 15                    | 0     |
| I/O MAP BASE ADDRESS |                       | T 100 |
|                      | LDR SEGMENT SELECTOR  | 96    |
|                      | GS                    | 92    |
|                      | FS                    | 88    |
|                      | DS                    | 84    |
|                      | SS                    | 80    |
|                      | CS                    | 76    |
|                      | ES                    | 72    |
|                      | EDI                   | 68    |
|                      | ESI                   | 64    |
|                      | EBP                   | 60    |
|                      | ESP                   | 56    |
|                      | EBX                   | 52    |
|                      | EDX                   | 48    |
|                      | ECX                   | 44    |
|                      | EAX                   | 40    |
|                      | EFLAGS                | 36    |
|                      | EIP                   | 32    |
|                      | CR3(PDBR)             | 28    |
|                      | SS2                   | 24    |
|                      | ESP2                  | 20    |
|                      | SS1                   | 16    |
|                      | ESP1                  | 12    |
|                      | SS0                   | 8     |
|                      | ESP0                  | 4     |
|                      | LINK TO PREVIOUS TASK | 0     |